

## Product datasheet for **AR09302PU-L**

### **SERPINA5 (20-406, His-tag) Human Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	SERPINA5 (20-406, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MHRHHPREMK</u> KRVEDLHVGA TVAPSSRRDF TFDLYRALAS AAPSQNIFFS PVSISMSLAM LSLGAGSSTK MQILEGLGLN LQKSSEKELH RGFQQLLQEL NQPRDGFQLS LGNALFTDLV VDLQDTFVSA MKTLYLADTF PTNFRDSAGA MKQINDYVAK QTKGKIVDLL KNLDSNAVVI MVNYIFFKAK WETSFNHKGT QEQDFYVTSE TVVRVPMMSR EDQYHYLLDR NLSCRVVGVP YQGNATALFI LPSEGKMQQV ENGLSEKTLR KWLKMFKKRQ LELYLPKFSI EGSYQLEKVL PSLGISNVFT SHADLSGISN HSNIQVSEMV HKAVEVDES GTRAAAATGT IFTFRSARLN SQRLVFNRPF LMFIVDNNIL FLGKVNRP
Tag:	His-tag
Predicted MW:	45.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM MES buffer (pH 6.0) containing 150 mM NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Serpin A5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_000615</u>
Locus ID:	5104
UniProt ID:	<u>P05154</u> , <u>A0A024R6N9</u> , <u>B4DDH1</u>
Cytogenetics:	14q32.13



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**Synonyms:** PAI-3; PAI3; PCI; PCI-B; PLANH3; PROCI

**Summary:** The protein encoded by this gene is a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. This gene is one in a cluster of serpin genes located on the q arm of chromosome 14. This family member is a glycoprotein that can inhibit several serine proteases, including protein C and various plasminogen activators and kallikreins, and it thus plays diverse roles in hemostasis and thrombosis in multiple organs. [provided by RefSeq, Aug 2012]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Complement and coagulation cascades

**Product images:**

